

CONTROL THE HEAT

ENGINES
PRODUCE
HEAT.



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HIGH SUMMER OR
DESERT TEMPERATURES
JUST ADD *MORE* HEAT.



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YOUR VEHICLE'S COOLING
SYSTEM MUST *GET RID
OF*, OR *CONTROL*, THAT
HEAT OR ELSE...



OK, SO THEY *WON'T*
REALLY MELT, BUT
IF YOU WANT TO
OPERATE IN HIGH
TEMPERATURES, THEN
LISTEN UP!



THE COOLING
SYSTEM WILL GET
RID OF OR CONTROL
HEAT, IF IT CAN
WORK AS DESIGNED.



HOWEVER,
SMALL
PROBLEMS IN
THE COOLING
SYSTEM...



...LIKE LOW
COOLANT LEVEL
OR CRACKED
HOSES...



...CAN QUICKLY
TURN INTO *BIG*
PROBLEMS.

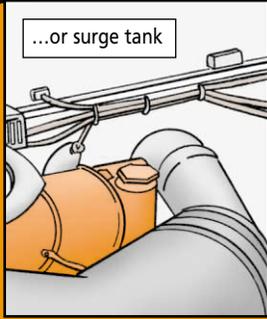
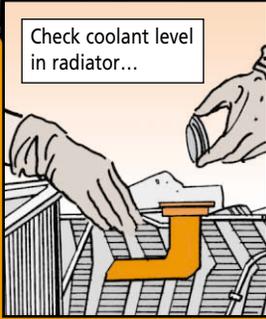




HERE'S HOW TO FIX THOSE PROBLEMS...

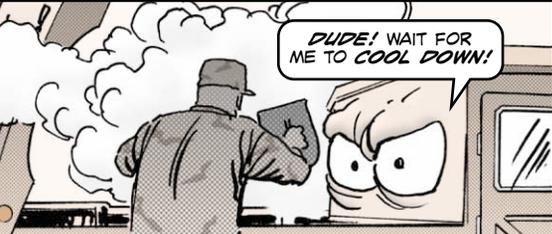
... WHILE THEY'RE STILL **SMALL!**

CHECK THE COOLANT LEVEL OFTEN. BEFORE YOU ROLL, WHEN THE ENGINE IS STILL COOL, MAKE SURE THE COOLANT IS UP TO THE MARK.



IF IT'S LOW, ADD COOLANT TO BRING THE LEVEL UP. NEVER OVER-FILL, THOUGH. WHEN THE ENGINE HEATS UP, THE EXTRA COOLANT WILL OVERFLOW.

ADD COOLANT **ONLY** WHEN THE ENGINE IS COOL. ADDING COOLANT TO A HOT ENGINE CAN CRACK THE ENGINE BLOCK OR BURST A SEAM IN THE RADIATOR.



A 60-40 MIX IS BEST, BUT MAINTAIN **AT LEAST** A 50-50 MIX OF ANTIFREEZE AND WATER TO RAISE THE BOILING POINT OF THE COOLANT SO IT WON'T BOIL AWAY LIKE PLAIN WATER.

Plain water

BOILING POINT 212°

50% antifreeze
50% water

BOILING POINT 226°

60% antifreeze
40% water

BOILING POINT 230°

CHECK THE PROTECTION LEVEL WITH TESTER, NSN 6630-00-105-1418.

USE DISTILLED WATER, NSN 6810-00-356-4936, IN RADIATORS IF IT'S AVAILABLE. IF NOT, USE POTABLE WATER. GROUND WATER CONTAINS CHEMICALS THAT WILL **CLOG** UP THE RADIATOR.



WHILE YOU'RE ADDING COOLANT, TAKE A CLOSE LOOK AT THE RADIATOR CAP. MAKE SURE IT IS IN TOP NOTCH CONDITION AND IS THE **RIGHT CAP** FOR YOUR ENGINE.

MAKE SURE YOU'RE USING THE **RIGHT** CAP!

CHECK THE PRESSURE RATING ON THE CAP WITH THAT LISTED IN YOUR TM.

CHECK FOR WETNESS AROUND THE RADIATOR OR HOSES. WETNESS MEANS A LEAK.

DURING OPERATION, KEEP AN EYE ON THE TEMPERATURE GAUGE. IF IT GOES ABOVE THE NORMAL OPERATING RANGE NOTED IN YOUR TM, SHUT DOWN AND FIND OUT WHY.



WIPPP **RRRR**